Fig. 1

DRD2 *TaqI* polymorphism frequencies

	Alcoholics	Controls	ORs with 95% CIs
A1/A1 + A1/A2	48 (45.7%)	53 (43.4%)	1.10 [.649 - 1.853]
A2/A2	57 (54.3%) n = 105	69 (56.6%) n = 122 $\chi^2 = .118$, $df = 1$, p = .731	1
A1	57 (27.1%)	59 (24.2%)	1.17 [.766 - 1.782]
A2	153 (72.9%) n = 210	185 (75.8%) n = 244 $\chi^2 = .520$, $df = 1$, p = .417	1

Fig. 2

OPRM1 +118A/G polymorphism frequencies

	Alcoholics	Controls	ORs with 95% CIs
A/A	87 (82.9%)	85 (69.7%)	2.10 [1.112 – 3.980]
A/G + G/G	18 (17.1%)	37 (30.3%)	1
	n = 105	n = 122	
		$\chi^2 = 5.45$, $df = 1$, $p = .020$	
A	191 (91.0%)	204 (83.6%)	1.97 [1.103 – 3.522]
G	19 (9.0%)	40 (16.4%)	1
	n = 210	n = 244	
		$\chi^2 = 5.52$, $df = 1$, $p = .019$	

Fig. 3

Group		N	Genotypes AA	GA	GG	Alleles A	G	Frequencies (%) AA	A	G
Cases										
1. All cases	179	152	27	0	331	27	84.9	92.5	7.5	
2. ETOH only	17	13	4	0	30	4	76.5	88.2	11.8	
3. ETOH+NIC	91	74	17	0	165	17	81.3	90.7	9.3	
4. ETOH+NIC+Drug		43	40	3	0	83	3	93.0	96.5	3.5
Controls										
5. Unrestricted	297	220	73	4	513	81	74.1	86.4	13.6	
6. Super		63	42	20	1	104	22	66.7	82.5	17.5
Other studies										
Sander[a]		327	261	62	4	584	70	79.8	89.3	10.7
Bergen[b]		20	19	1	0	39	1	95.0	97.5	2.5
Gelernter[c]		100				173	27		86.5	13.5
Gelernter[d]		207				358	56		86.5	13.5

Analysis Groups	By genotype (AA vs. GG/GA) χ^2	p	OR	95% CIs		Power	By allele χ^2	p	Power
1 versus 5	7.69	.006	1.97	1.21	3.20	.98	8.25	.004	.99
2 versus 5	0.05	.826	1.14	0.36	3.60	.34	0.10	.756	.47
3 versus 5	1.99	.158	1.52	0.85	2.74	.90	2.33	.127	.98
4 versus 5	7.50	.006	4.67	1.40	15.52	.66	3.05	.081	.83
1 versus 6	9.76	.002	2.82	1.45	5.47	.65	10.08	.002	.90

2 versus 6	0.60	.440	1.63	0.47	5.60	.24	0.64	.420	.41
3 versus 6	4.30	.038	2.18	1.04	4.58	.56	4.44	.035	.82
4 versus 6	10.14	.001	6.67	1.85	24.10	.41	9.59	.002	.67
2 versus 3	0.22	.640	1.34	0.39	4.62	.22	0.19	.661	.43
2 versus 4	3.29	.072	4.10	0.81	20.78	.20	3.04	.081	.37
3 versus 4	3.51	.076	3.06	0.85	11.09	.41	2.90	.089	.72
Sander[a] vs 6	12.17	.001	2.83	1.55	5.18	.21	11.77	.001	.89
Bergen[b] vs 6	23.12	.001	38.00	4.76	303.57	.27	5.69	.017	.39
Gelernter[c] vs 6						.57	0.05	.812	.77
Gelernter[d] vs 6						.67	1.21	.271	.86

Note: df=1 for all analyses.

[a]Sander et al. (1998) alcoholics without other drug use, but not screened for nicotine use.

[b]Bergen et al. (1997) alcoholics, 75% of whom also abused other drugs.

[c]Gelernter et al. (1999) cases with a primary diagnosis of alcoholism but other drug use not excluded; genotype frequencies not provided.

[d]Gelernter et al. (1999) cases with a primary diagnosis of drug dependence but alcohol abuse or dependence not excluded; genotype frequencies not provided.